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Some

Installations

of

Broomell's

Vapor System

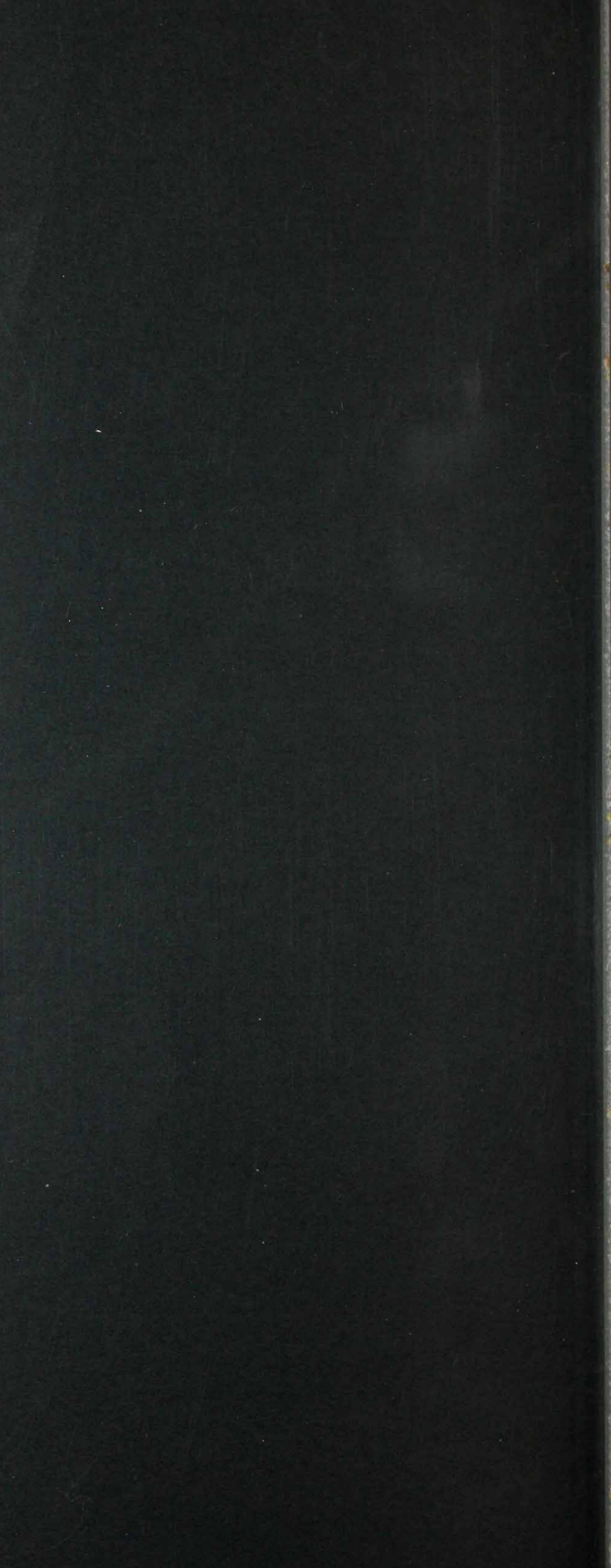
of Heating

VAPOR HEATING COMPANY

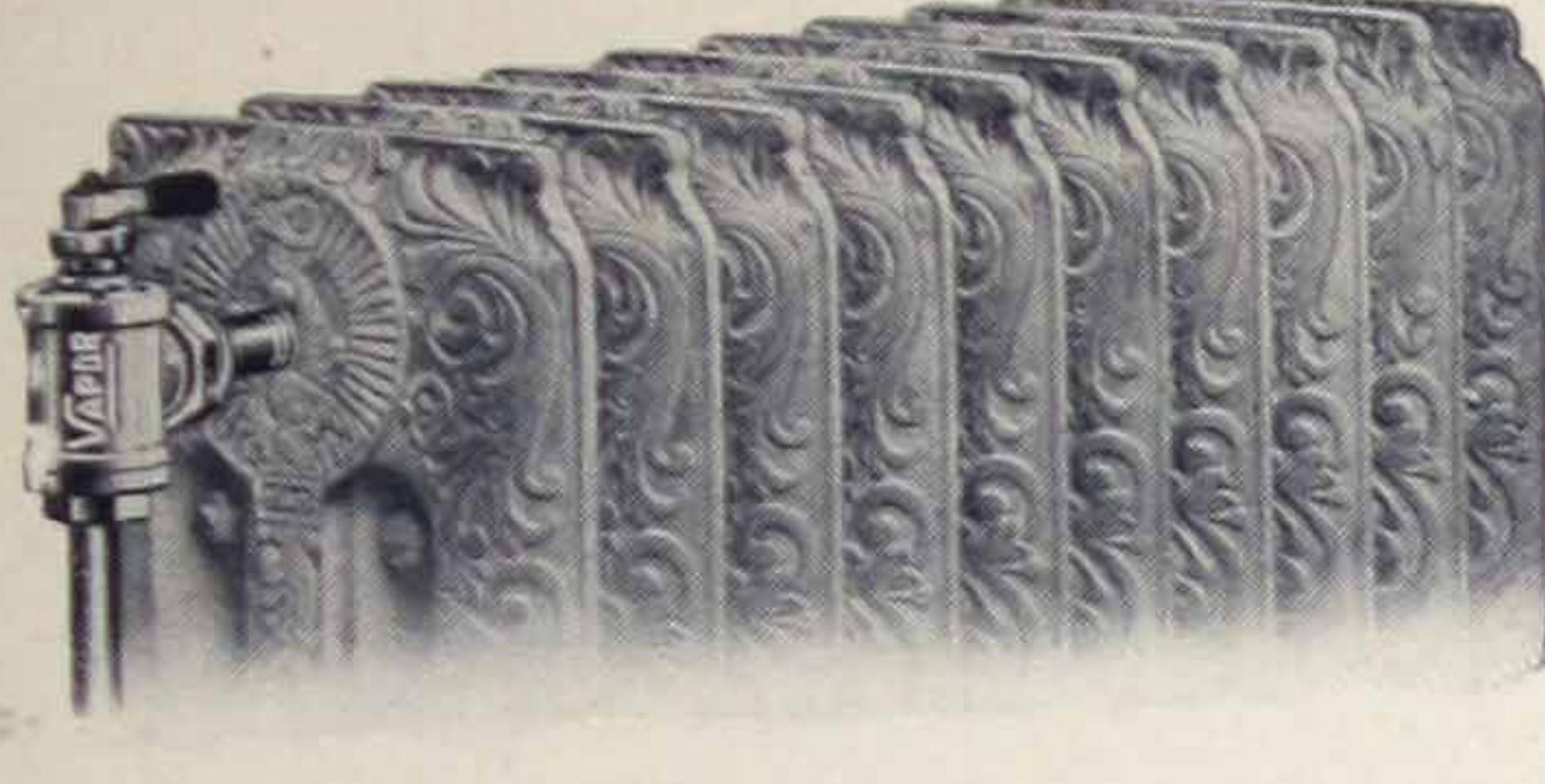
GENERAL OFFICES

The North American Building  
PHILADELPHIA, PA.

Works: YORK, PA.



697.5



# How to heat your house:

By *Vapor*

—

“What is ‘Vapor’?”

An improvement on steam and hot-water, eliminating the objectionable features of both of these systems.

—

**VAPOR HEATING COMPANY**

General Offices:

The North American Building

PHILADELPHIA

—



# Broomell's=patent Vapor Heating System

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We manufacture the patented specialties required for the installation of Broomell's Vapor System.

These specialties, essential to the installation of Broomell's Vapor System, consist of the combined Vapor Receiver, Relief-valve and Draft Regulator; the Vapor Quintuple Radiator-valve, and the Vapor Return Radiator Elbow.

Any standard steam heating boiler of proper size may be used. Exhaust steam can be used. Or the supply may be taken from central heating stations or high pressure boilers. Standard pattern hot water radiators with inlet at top and outlet at bottom opposite ends are used.

We do not install heating systems.

The complete Catalogue which explains and illustrates the Vapor System in detail will be sent on request to anyone interested.

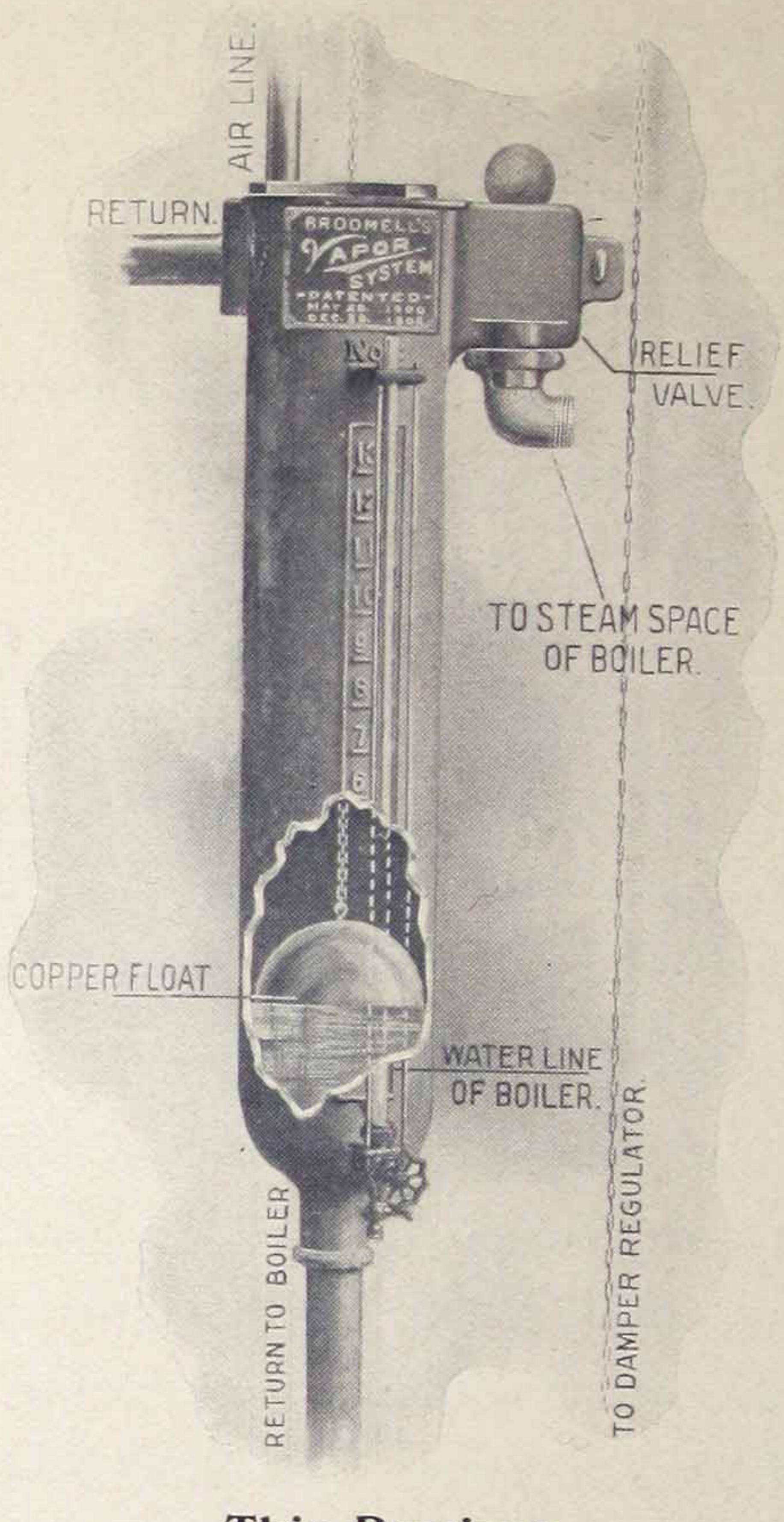
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**VAPOR HEATING COMPANY**

**GENERAL OFFICES:**

**THE NORTH AMERICAN BUILDING**

**PHILADELPHIA**



### This Receiver

regulates the boiler drafts and governs the operation of Broomell's Vapor System.

It is placed alongside of boiler with the zero mark of gauge level with water-line of boiler. The connection "return to boiler" is carried into the main return inlet of boiler. Since the Receiver is open to the atmosphere, there is free passage of water from Receiver to boiler, and from boiler to Receiver.

The main return of the system is connected into a seal at back of Receiver

at top. Condensation is delivered into this seal and is returned to boiler by gravity through the open Receiver and "return to boiler" connection.

An air line runs from the top of the seal and is carried into the chimney, first passing through a condensing coil.\*

The Relief-valve, which forms a part

of the Receiver, is connected to the

steam space of boiler.

A heavy copper float rides on the

water in the Receiver and is connected

by a chain to the boiler drafts.

Through this Receiver, Broomell's

Vapor System has practically perfect,

automatic boiler control. No other de-

vice, invention or system approaches it in

reliability of boiler regulation.

The operation of the drafts is simple:

Remembering that there is free passage

of water between boiler and Receiver

and that the latter is open to the atmos-

phere, it will be understood that as long

as the system is consuming all the Vapor

generated in the boiler, the water level in

Receiver will remain the same as in

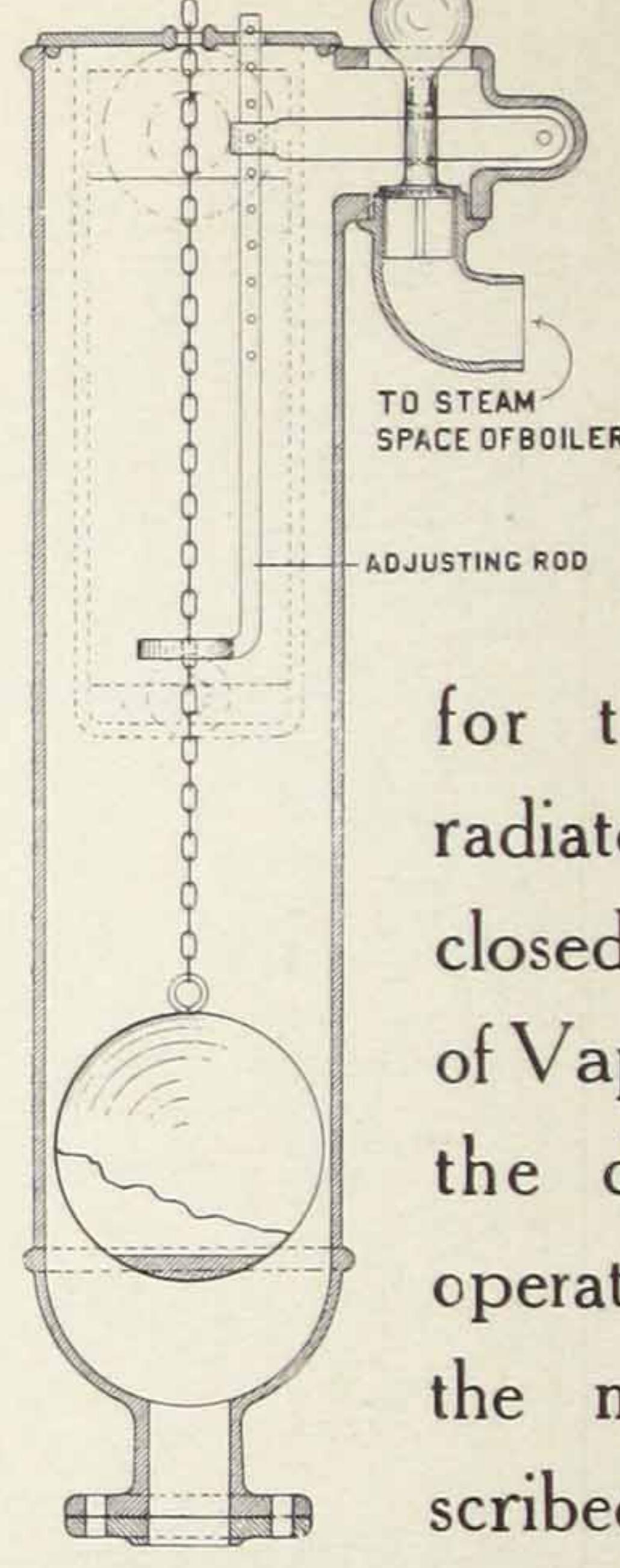
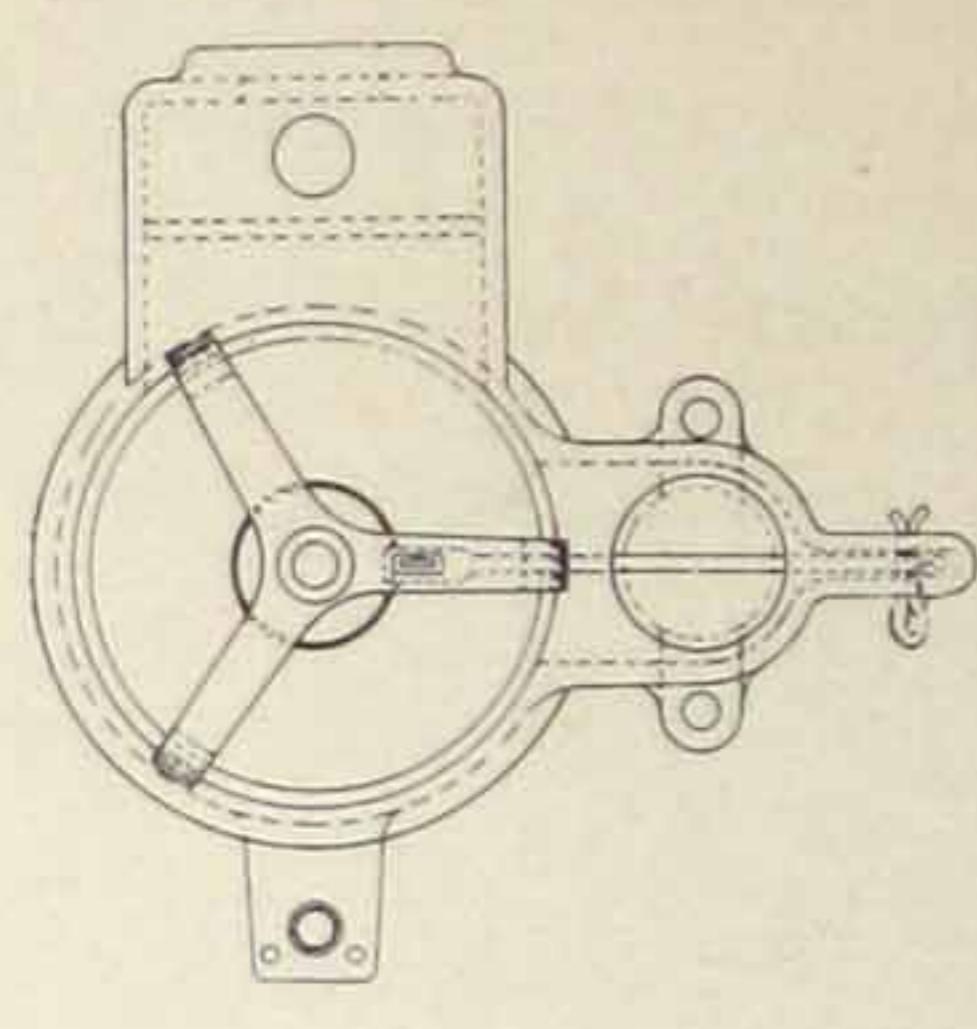
boiler. But when the whole system is

fully heated, Vapor will accumulate in

the boiler. As a result, the surface of

the water in the boiler will be depressed

\*See illustration of Boiler Connections

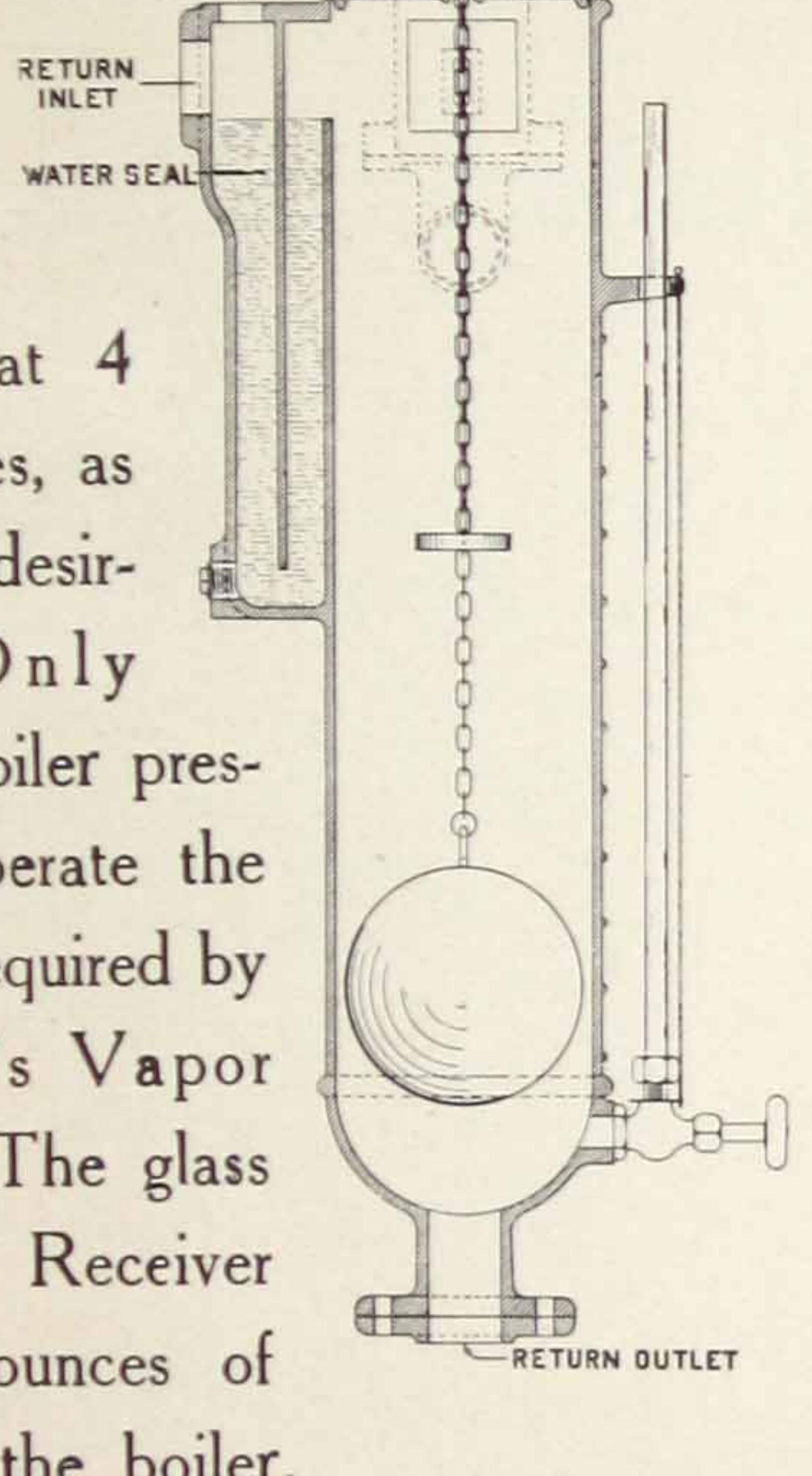


while the water in the Receiver will be elevated. The float will be raised and the boiler drafts will be closed by the connecting chain.

When it is desired to reduce the amount of heat, and for that purpose the radiator-valves are partially closed, restricting the flow of Vapor into the radiators, the draft-regulating float operates automatically in the manner already described and the fire is regulated to produce just sufficient Vapor to fill the amount of radiation turned on. On the other hand, when more heat is desired and the radiator valves are turned, increasing the flow of Vapor into the radiators, the boiler is thus freed of accumulated Vapor, the water returns to normal level, the drafts are opened and the fire stimulated.

The Receiver can be set to close off the draft at any point between

zero and 12 ounces. In moderate weather it is usually set to close the draft on 1 to 2 ounces. In extreme weather it can be set to close the draft at 4 to 6 ounces, as may be desirable. Only sufficient boiler pressure to operate the drafts is required by Broomell's Vapor System. The glass gauge on Receiver indicates ounces of Vapor in the boiler.



The Relief-valve is provided to prevent any possibility of water overflowing the top of Receiver. If by neglect the ash-pit doors were left open, thus nullifying the automatic draft regulation, the water will continue to rise in the Receiver carrying with it the float which has already closed the draft. The float will presently lift the lever, opening the Relief-valve and releasing the Vapor from the boiler. The "adjusting rod"

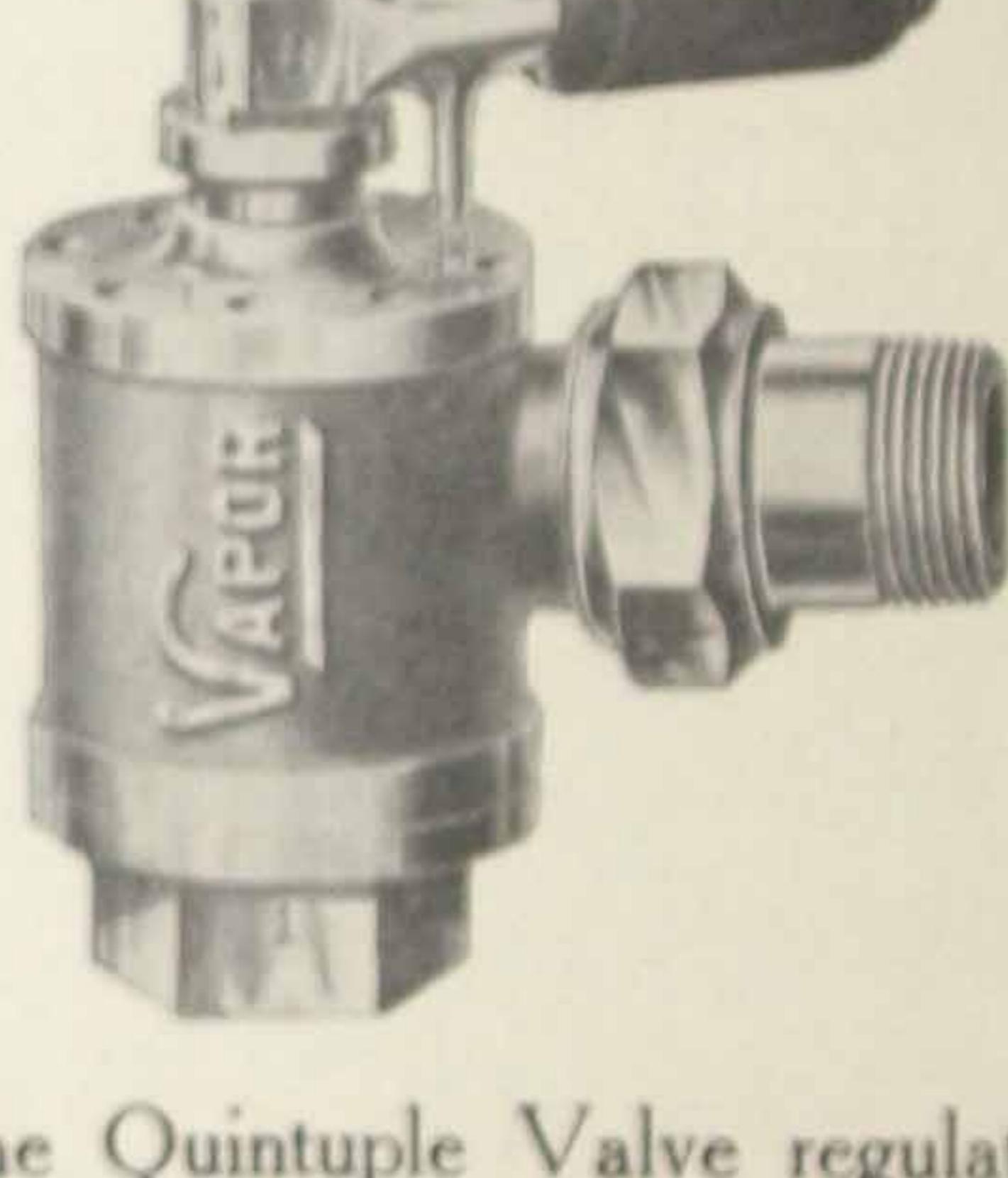
is usually set to open the Relief-valve at 7 to 10 ounces.

The fire-door and ash-pit door are kept closed. The boiler is regulated entirely by the Receiver.

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## The Vapor Radiator-Valve

Position of handle indicates  
the valve is 3-4 open



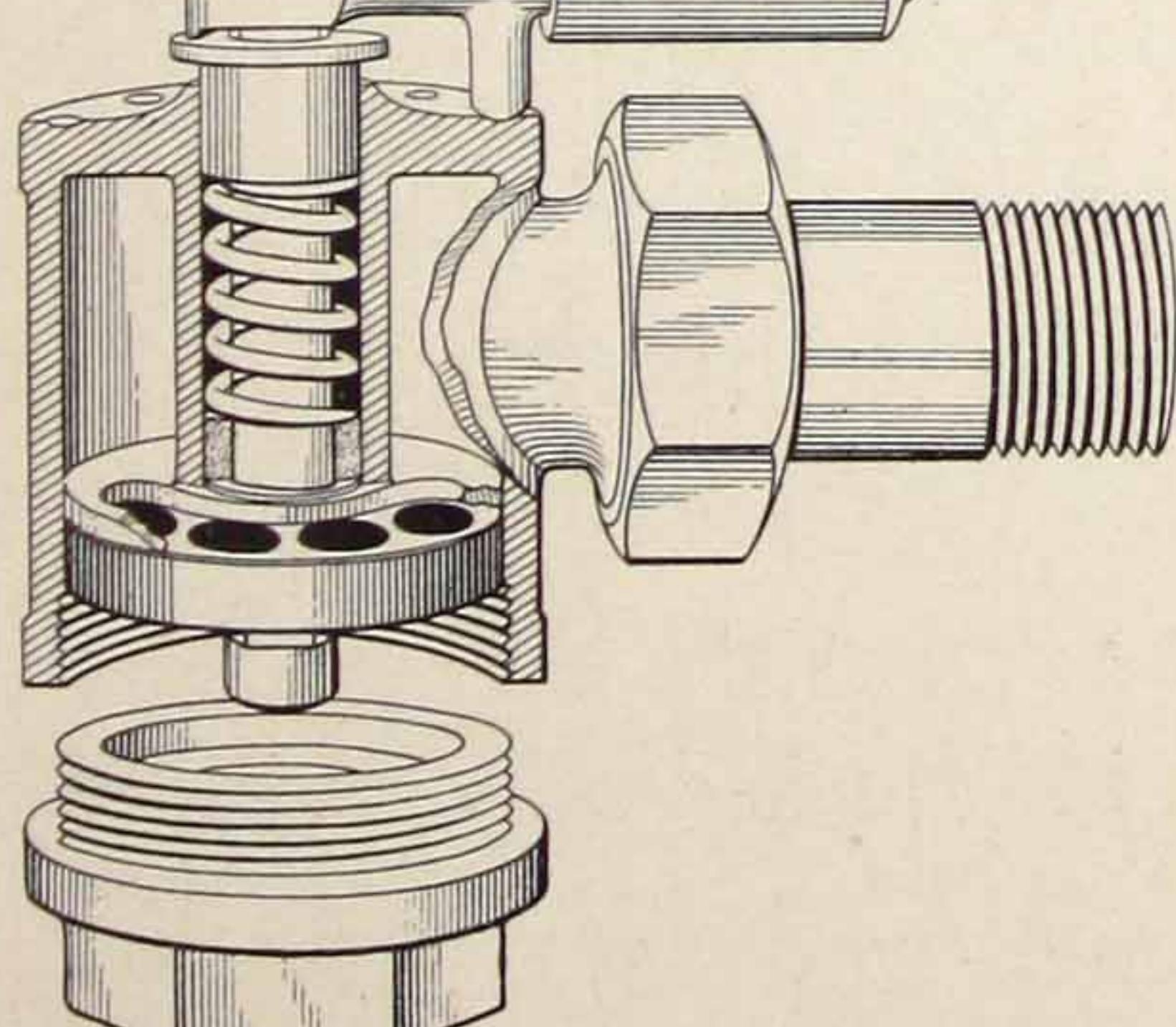
The Quintuple Valve regulates the temperature of the room. It is the only radiator-valve with which such regulation is possible. It can be set to admit more or less Vapor; to heat the radiator in part; to heat it a little more; to heat it much more; and, finally, to bring the radiator up to the maximum temperature.

To deliver Vapor to the radiator the handle is moved around one point; this opens a port in the valve-disc. If more heat is wanted the handle is moved to

the next point. Still another move gives a three-fourths opening, as in illustration. To give the valve full opening, the handle is turned half way around until it stands towards the radiator; in such position the four delivery ports are open.

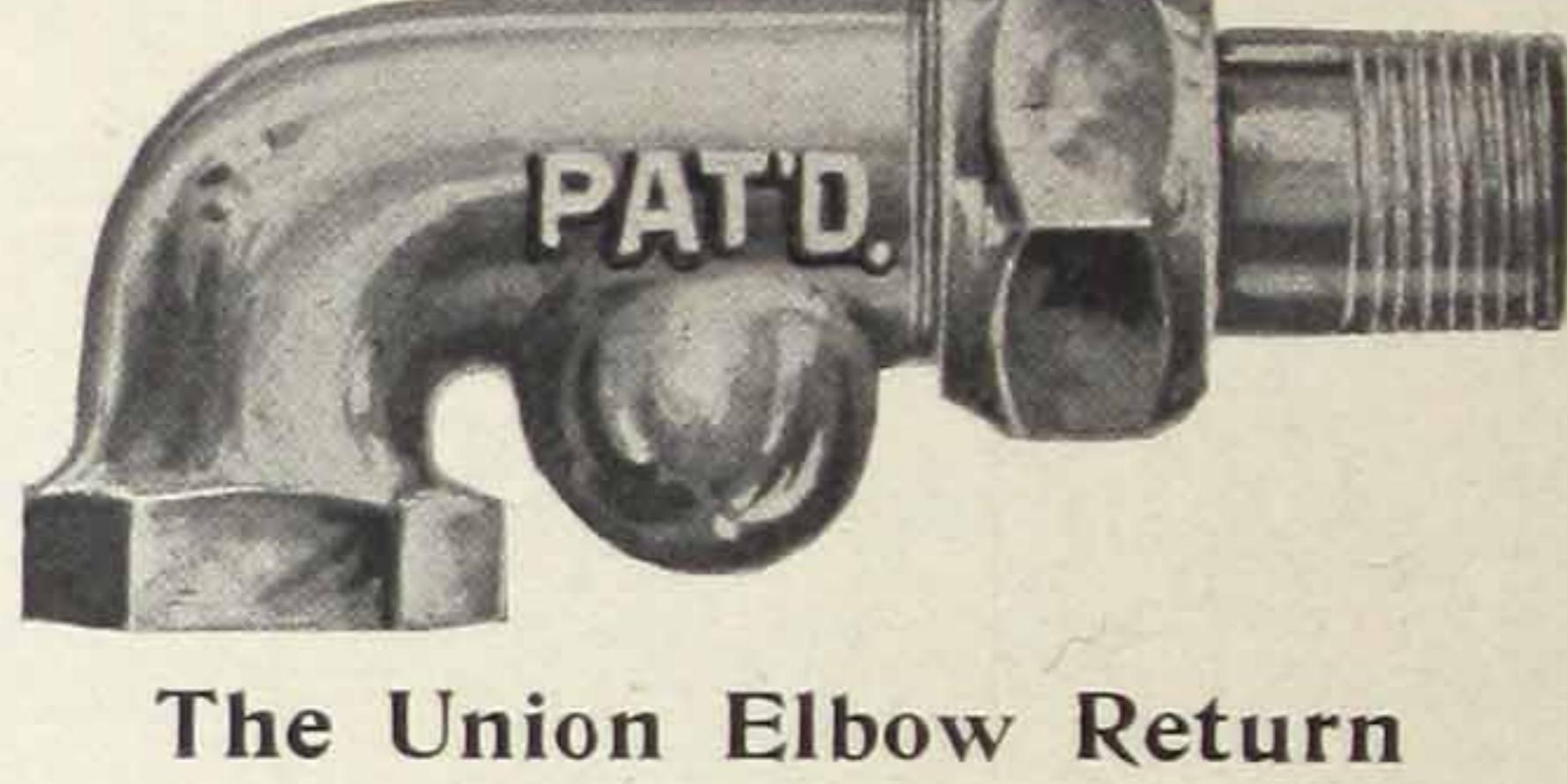
Aside from being an excellent example of mechanism, the Quintuple Valve is handsomely finished. Very heavy and substantial, the finished parts all nickel plated, highly polished. The handle finished in ebony. It is perfectly steam tight, is self-packing in the valve stem, and can be set with a finger touch. When the valve is connected up, the supply pipe is screwed into the bottom, and the nipple of the valve is screwed into the radiator.

Quintuple Valves are in six sizes for three-fourth inch pipe. These valves are so made as to deliver the quantity of

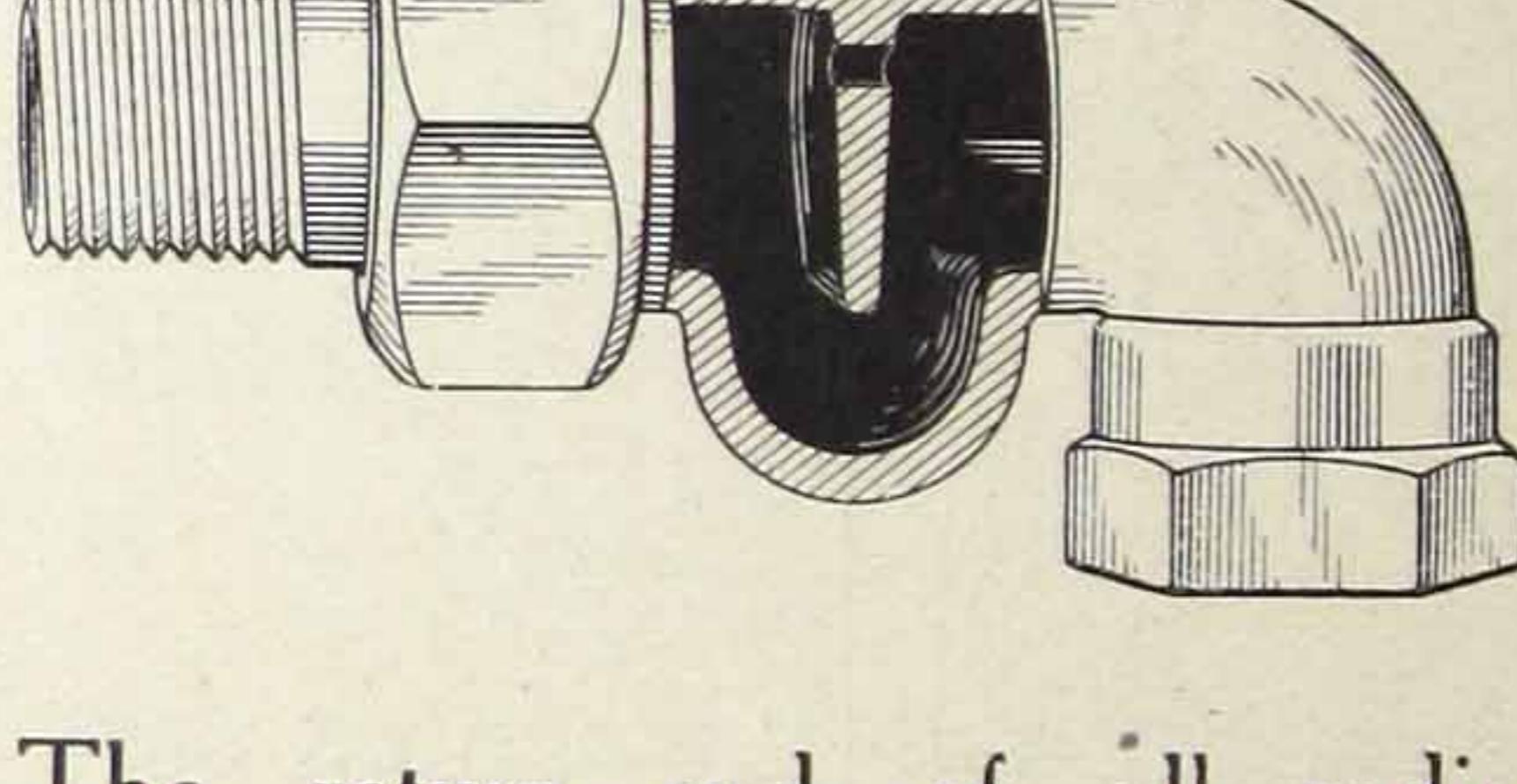


Vapor necessary to heat the radiators on which they are placed. In other words the size of the openings in valve corresponds to the size of radiator.

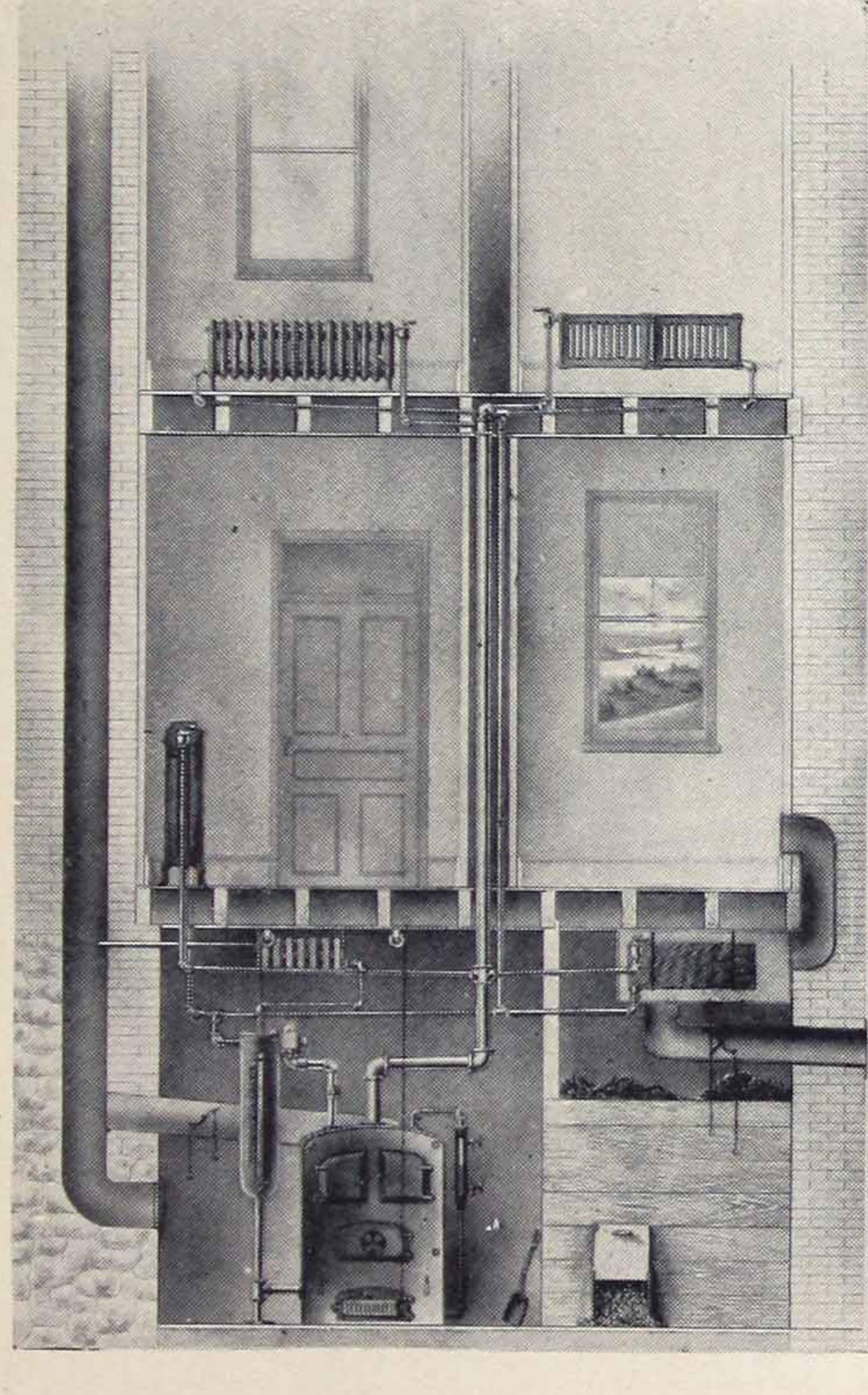
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The Union Elbow Return



The return end of all radiators must be connected with the return pipes by this elbow. It is specially designed and so constructed that the condensation from the radiators is freely discharged through the seal in the elbow and returned to the boiler. The air is exhausted through an outlet above the seal. The Return Elbow can be supplied with pipe side outlet, either right or left hand.



**Broomell's Vapor System Boiler  
Connection and Piping**

## Broomell's Vapor System Boiler Connections and Piping

Vapor ascends from the boiler through main and branch supply pipes to radiators. When it condenses, the water returns to Receiver through the smaller pipes.

The illustration shows both direct and indirect radiation: Direct indicating the presence of radiators in the rooms; indirect indicating the arrangement of an encased radiator beneath the floor, from which heated air—the air being first taken from out of doors—is conducted to the rooms above.

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### No Air Valves

The air is removed from the radiators by the return piping, delivered into the seal on Receiver, and discharged from the seal into the Condensing Coil. From the top of the Condensing Coil on opposite end from connection to Receiver the air-line is run into the chimney. This creates a pull and a partial vacuum through the entire system, equal to the draft of the chimney, exhausting the air from the radiators and pulling the Vapor into them when radiator-valves are opened.

# Some Nearby Vapor Installations

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## ARKANSAS.

Dr. C. F. Ellis, Residence.....	Eureka Springs
Rosewater & Ellis, Office Building.....	Eureka Springs

## CALIFORNIA.

Chico State Normal School.....	Chico
B. P. O. of Elks' Hall.....	Chico
Sequoia Hotel .....	Fresno
Hughes Hotel .....	Fresno
Dr. J. P. Sargent, Residence .....	Lodi
Madera Court House.....	Madera
Evans Building .....	Modesto
Stanislaus County Hospital.....	Modesto
J. W. Corder Building .....	Oakland
St. Mark's Hotel .....	Oakland
Elks' Hall Building .....	Sacramento
George Bryte Building.....	Sacramento
Stoll Building .....	Sacramento
Hotel Rafael .....	San Rafael
Dominican Sisters .....	San Rafael
Dominican College, Music and Art Pavilion.....	San Rafael
Elks' Hall Association.....	Stockton
Stockton Saving Loan Society.....	Stockton
Calvin Bros. .....	Stockton
Breuner Store Building .....	Stockton
Lee A. Phillip, Residence.....	Stockton
Maria S. Hubbard .....	Stockton
B. B. Lyons, Residence.....	Stockton
Simon Building .....	Stockton
Claiburne House.....	Stockton
Frederick N. Vail, Residence.....	Stockton
Frederick H. Arnsberger, Residence.....	Stockton
J. H. Hough .....	Stockton
Samuel Henry .....	Stockton
Eugene Wilholt .....	Stockton
C. J. Hurrel, Residence.....	Stockton
C. R. Harry, Residence.....	Stockton
Physicians' Building .....	Stockton
Dr. James J. Hogan, Hospital.....	Vallejo
Tulare County Court House.....	Visalia

## CANADA.

Dr. E. R. Hart, Residence.....	Sackville, N. B.
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## COLORADO.

Joseph C. Ewing, Store and Office Building....	Greeley
Weld Co. Abstract & Investment Co., Office Bldg.	Greeley
C. H. Gordon & Son, Store.....	Greeley

Samuel H. Southard, Residence.....	Greeley
M. H. Morgan, Residence.....	Greeley
Mrs. R. H. Johns, Residence.....	Greeley
Goodman & Neil Co. .....	Greeley

### CONNECTICUT.

J. M. Emerson, Sentinel Building.....	Ansonia
Mrs. J. R. Bartram, Residence.....	Black Rock
George W. Smith, Store & Office Bldg.....	Bridgeport
C. N. Choate, Residence.....	Bridgeport
George W. Smith, Residence.....	Bridgeport
J. B. Cornwall, Residence .....	Bridgeport
J. A. Laverty, Residence.....	Bridgeport
S. A. Burns, Residence.....	Bridgeport
Edward Mooney .....	Bridgeport
C. E. Armstrong.....	Danbury
Dr. W. C. Wile, Residence.....	Danbury
St. James' Parish Rectory.....	Danbury
Frederick A. Hull, Business Block.....	Danbury
William B. Stevens, Residence.....	Deep River
C. W. Post, Residence.....	Greenwich
P. A. Rockefeller, Residence.....	Greenwich
F. A. Dalton, Residence.....	Haddam
Highland Court Apartments.....	Hartford
F. H. Eldridge, Residence.....	Hartford
High Street Apartments.....	Hartford
Whitney Mfg. Co., Factory.....	Hartford
Lewis D. Bayley, Residence .....	Hartford
O. F. Grover, Residence.....	Hartford
William F. O'Neil, Apartment House.....	Hartford
M. Swift, Residence.....	Hartford
Benj. W. Loveland, Residence.....	Hartford
William J. Turner.....	Hartford
W. G. Grannis, Residence.....	Litchfield
Sovereign Trading Co. .....	New Britain
T. W. Crowe, Apartments.....	New Britian
E. T. Bragaw, Residence.....	New London
Fire Engine House .....	New Haven
F. W. Hurlburt, Residence.....	Norwich
Isaac C. Elliott, Residence.....	Wilmington
John D. Thompson, Residence.....	Wilmington

### DELAWARE.

H. O. Duerr, Residence.....	Claymont
Elmer T. Bye, Residence.....	Holly Oak
George V. Peverley, Residence.....	Middletown
Jesse L. Shephard, Residence.....	Middletown
Frederick Brady, Residence.....	Middletown
Masonic Temple .....	Milford
John C. Corbett, Residence.....	Odessa
Governor Preston Lea, Residence.....	Reybold
Charles Thornley, Residence.....	Smyrna
Miss Rebecca Bailey, Residence.....	Smyrna
Mrs. A. Golt, Residence.....	Smyrna
Mr. Wilde, Residence .....	Smyrna
W. G. Roe, Residence.....	Smyrna
C. J. Winkler, Apartment House.....	Wilmington
Dr. Irvine M. Flinn, Apartment House.....	Wilmington
Edward Johnson, Residence.....	Wilmington

Charles Patterson, Residence.....	Wilmington
Security Trust & Safe Deposit Co.....	Wilmington
George B. Ward, Store and Apartments.....	Wilmington
Thomas Tatnall, Store and Flat.....	Wilmington
Matthew D. Murphy, Apartment House.....	Wilmington
John C. Saunder, Residence.....	Wilmington
Richard Patowsky, Residence.....	Wilmington
Dr. Carmichael, Residence.....	Wilmington
A. Felix Dupont, Residence.....	Wilmington
D. P. Jones, Residence.....	Wilmington
Wilmington & Brandywine Apartments.....	Wilmington
Adam Lang, Residence.....	Wilmington
Robelen Piano Co. ....	Wilmington
Marion Apartments.....	Wilmington
William Lobdell, Residence.....	Wilmington
T. W. Miller, Residence.....	Wilmington
B. F. Shaw .....	Wilmington
John H. Danby, Residence.....	Wilmington
W. G. Shaw, Residence.....	Wilmington
J. Parke Postels, Residence.....	Wilmington
G. Parke Postels, Residence.....	Wilmington
James A. Kane, Apartments.....	Wilmington
Public School, No. 23.....	Wilmington
Edward M. Phillips, Residence.....	Wilmington
William T. Lynam, Residence.....	Wilmington
W. A. Moore, Residence.....	Wilmington
G. A. Thompson, Residence.....	Wilmington
John A. Montgomery, Residence.....	Wilmington
Delaware & Atlantic Telegraph & Telephone Co., Bldg..	Wilmington
Willard Thomson, Residence.....	Wilmington
Haddock & Co., Apartments.....	Wilmington
Mrs. Charles G. Rumford, Residence.....	Wilmington
National Bank of Delaware.....	Wilmington
Frank Sellers, Residence .....	Wilmington
James T. Chandler, Store & Residence.....	Wilmington
Street & Sewer Dept. Office Building.....	Wilmington
John Richardson, Residence.....	Wilmington
H. S. Seeds, Residence.....	Wilmington
Warner Estate .....	Wilmington
Johnson & Son, 2 Residences.....	Wilmington

#### DISTRICT OF COLUMBIA.

J. M. Burrell, Residence.....	Cleveland Park
Seward Apartments .....	Washington
Judge J. C. Prichard, Residence, Mt. Pleasant.	Washington
Decatur Apartments .....	Washington
Dr. T. F. Mallan, Residence.....	Washington
J. C. Kinsell, 1608 7th Street, N. W.....	Washington
Burlington Apartments .....	Washington
Ann E. & Florence Wood, Apartment House, 1122 Vermont Ave. ....	Washington
McCullum Residence .....	Washington
Congress Hall Hotel.....	Washington
Clarence E. Wise, 618 I Street, N. W.....	Washington
General A. S. Kimball.....	Washington
Peter McCarty, Residence.....	Washington
J. T. Atchison, Janette Apartments.....	Washington
Dr. Woodward, Residence.....	Washington

## FLORIDA.

H. M. Flagler, Residence.....Palm Beach

## GEORGIA.

Academic Building, University of Georgia.....Athens  
E. G. Seitz, Residence, 252 Ivy Street.....Atlanta  
T. H. Ellett, Residence.....Atlanta  
Corinthian Apartments .....Atlanta  
E. C. Jones, Residence.....Atlanta  
Mrs. H. A. Ethridge, Residence.....Atlanta  
D. C. Allen, Residence.....Atlanta  
Dr. Dunbar Roy, Residence.....Atlanta  
W. P. Howard, Residence.....Atlanta  
Frank Edmonson, Residence.....Atlanta  
Broughton Institutional Church Infirmary.....Atlanta  
Charles A. Sisson, Flat House.....Atlanta  
J. F. Evers, Residence.....Atlanta  
W. H. Harris, Residence, Inman Park.....Atlanta  
W. M. Fain, Residence, Inman Park.....Atlanta  
C. A. Tappan, Apartment House.....Atlanta  
C. G. Brandt, Residence.....Atlanta  
Sanatorium Building .....Augusta  
C. J. Hood.....Commerce  
Thomas B. Paine, Residence.....East Lake

## ILLINOIS.

F. B. Stitt, Residence.....El Paso  
Fred F. Bixby, Residence.....E'lsah

F. E. Vieregg, Residence.....Joliet

Henry Lautz, Residence .....Pekin

J. T. Shields, Residence.....Rock Island

## INDIANA.

Dr. W. H. Irwin, Residence.....Hartford City

Howard Campbell, Residence .....Richmond

Adam H. Bartel, Residence.....Richmond

## IOWA.

Henry Nieman, Residence .....Avoca

Charles Schmidt, Jr., Residence.....Avoca

Cedar Rapids Business College .....Cedar Rapids

Mrs. H. S. Gerolamy .....Cedar Rapids

Allison Hotel .....Cedar Rapids

Interstate School .....Cedar Rapids

Unitarian Church .....Des Moines

C. W. Rogg, Store & Apartment Building....Des Moines

Garver Hardware Co.....Des Moines

Charles Weitz Sons Co., Richmond Apts...Des Moines

Gardner Cowles, Residence.....Des Moines

Mack Olsen, Apartment House.....Des Moines

School & Residence for St. Francis Church..Dyersville

Mr. Christansen, Residence.....Gray

Rev. J. H. Friedman, School.....La Motte

Fred Krambeck, Residence.....Marme

Iowa Odd Fellows' & Orphans' Home.....Mason City

St. Patrick's School .....Neola

A. Hunter, Residence .....	Neola
St. Mary's Church, School & Parsonage.....	Portsmouth
F. M. Ziegler, Residence.....	Sioux City
Sacred Heart Congregational Parsonage.....	Templeton
J. M. Frederick, Residence.....	Waukon

#### IDAHO.

John Nordquist, Residence .....	Wallace
E. Day, Residence .....	Wallace

#### KENTUCKY.

Berea College, Hospital and Annex.....	Berea
Dr. P. Cornelius, Residence.....	Berea
St. Joseph Orphan Asylum .....	Cold Springs
Mrs. Sarah A. Thompson, Apartment House...	Covington
Convent of Sisters of Good Shepherd.....	Highlands
B. H. Kramer, Residence.....	Highlands
H. Minges & Son, Residence.....	Highlands
L. C. Eisenschmidt, Residence.....	Newport
George Wideman Brewing Co., Apartment Bldg.	Newport
Sisters of Good Shepherd Parsonage.....	Newport

#### MAINE.

J. H. Roberts, Residence.....	Biddeford
Gilbert Patten, Residence.....	Camden
E. E. Shead, Residence .....	Eastport
St. Peter's Church & Rectory .....	Lewiston
A. L. F. Pike, Residence.....	Norway

#### MARYLAND.

College Avenue Baptist Church.....	Annapolis
W. P. Hall, Residence .....	Annapolis
St. Ann's Episcopal Church.....	Annapolis
C. O. Smith, Residence.....	Annapolis
Ephraim Macht Building.....	Baltimore
Jonathan K. Taylor, Residence.....	Baltimore
William Painter, Residence.....	Baltimore
Egenton Orphan Asylum .....	Baltimore
S. Whiteman, Residence, Mt. Washington....	Baltimore
Miss Boyer, Residence .....	Centerville
T. H. Tapping, Residence.....	Chestertown
Chevy Chase Seminary .....	Chevy Chase
Wills Mountain Sanatorium .....	Cumberland
W. C. Devecmon, Residence.....	Cumberland
William J. Starr, Residence.....	Easton
Eudowood Hospital .....	Eudowood
Dr. Frank Newcomer, Residence.....	Funkstown
J. L. Nicodemus, Residence.....	Hagerstown
Hotel Hamilton .....	Hagerstown
Dr. Victor Miller, Residence.....	Hagerstown
Charles H. Eyerly, Residence.....	Hagerstown
Samuel S. Loose, Residence.....	Hagerstown
Lewis Byron, Residence.....	Hagerstown
J. G. Bower, Residence.....	Hagerstown
Henry Fennell, Residence.....	Hagerstown
Henry Crosson, Residence.....	Hagerstown
W. B. Littleton, Residence.....	Hagerstown

L. M. Greenwalt, Residence.....	Hagerstown
Samuel A. Souter, Residence.....	Hagerstown
O. D. Shirley, Residence.....	Hagerstown
Dr. E. A. Wareham, Office & Apartment Bldg.	Hagerstown
John E. Stonebraker, Residence.....	Hagerstown
W. S. Fahrney, Residence .....	Hagerstown
Charles W. Boyer, Residence .....	Hagerstown
George Bovey, Residence.....	Hagerstown
Mrs. M. C. Bovey, Residence.....	Hagerstown
O. D. Shirley, Residence.....	Hagerstown
J. E. Wakenight, Residence.....	Hagerstown
J. W. Niluser.....	Hagerstown
W. Irvine Keyser, Residence.....	Lystra
E. F. Baldwin, Residence.....	Mt. Washington
Jacob Tome Institute.....	Port Deposit
T. H. Symington, Residence.....	Roland Park
George W. Corner, Residence.....	Roland Park
Roland Park Co., 2 Cottages.....	Roland Park
Roland Park Co., Store, Office & Apartment Bldg.,	Roland Park
Charles E. Buck, Residence.....	Roland Park
E. H. Bouton, Cottage.....	Roland Park
Dr. A. E. Sudler, Residence.....	Sudlersville

#### MASSACHUSETTS.

James B. Hamlin, Sanatarium.....	Acushnet
Englewood Court Apartments.....	Brookline
D. H. Lockwood, Residence.....	Cheshire
George Z. Dean .....	Cheshire
Walter T. Creese.....	Danvers
E. E. Baker, Residence.....	Fair Haven
Mrs. Annie M. Thompson, Residence.....	Fall River
St. Ann's Hospital .....	Fall River
Mr. Gagnor, Residence.....	Fall River
Henri Lagasse .....	Fall River
St. Ann's Parish Rectory Building.....	Fall River
The Sacred Heart of Mary Convent & Academy.	Fall River
Onesune Thibault, Residence.....	Fall River
L. M. Moquin, Residence.....	Fall River
St. Catharine's School and Convent.....	Fall River
William Cordes, Residence.....	Florence
F. L. Barrows, Residence.....	Middleboro
Lloyd Perkins, 2d, Residence.....	Middleboro
Timothy Creedon, Residence.....	Middleboro
Samuel W. Lucas, Residence.....	Middleboro
A. H. Leonard.....	Middleboro
Countess Magri, Residence.....	Middleboro
W. H. Riley & Co., Building.....	Northampton
Fire Station .....	Revere
A. A. Packard, Residence.....	Salem
C. J. Roadstrand, Business & Apt. Bldg....	Springfield
Engine House .....	Sommerville
W. T. Merriam, Residence.....	South Acton
Rectory, Parish of St. Jacques.....	Taunton
Church Parish of St. Jacques.....	Taunton
L. J. Knowles, Residence.....	Worcester
Edward Hall, Residence.....	Worcester

### MICHIGAN.

E. B. Close, Residence.....	Battle Creek
Carroll L. Post, Residence.....	Battle Creek
O. S. Chase, Residence.....	Lansing

### MINNESOTA.

D. W. Stocking, Residence.....	Duluth
The Evangelical Lutheran Hospital.....	Mankato

### MISSOURI.

St. Vincent's School & Convent.....	Kansas City
Rev. Joseph Lubeley, Residence.....	Salisbury

### MONTANA.

D. R. Fisher, Cottage.....	Belgrade
Gallatin Bank & Pease Building.....	Bozeman
Dr. C. A. Jump, Residence.....	Bozeman
First Presbyterian Church.....	Bozeman
A. D. Maynard, Residence.....	Bozeman
F. K. Armstrong, Residence.....	Bozeman
T. B. Story, Residence.....	Bozeman
Commercial Bank & Post Office Building.....	Bozeman
O. W. Fisher, Residence.....	Bozeman
Fisher Mercantile Co., Store & Office Building..	Bozeman
W. S. Davidson, Residence.....	Bozeman
A. H. Sales, Residence.....	Bozeman
W. H. Sales, Residence.....	Bozeman
C. J. Kelly, Residence.....	Butte
I. Krueger, Store & Apartment Building.....	Butte
C. R. Clinton, Residence.....	Butte
James King, Residence.....	Butte
J. H. Vivian, Residence.....	Butte
Joseph Richards, Residence.....	Butte
John Harris, Residence.....	Butte
M. A. Berger .....	Butte
A. H. Mueller, Residence.....	Butte
C. V. Fulton, Residence.....	Butte
C. J. Johnson, Residence.....	Forsythe
Dr. A. C. Wilson, Residence.....	Forsythe
H. R. Marcy, Store & Office Building.....	Forsythe
H. R. Marcey, Residence.....	Forsythe
Montana Deaconess Hospital.....	Great Falls
Columbus Hospital .....	Great Falls
T. E. Collins, Residence.....	Great Falls
Havre Commercial Co. ....	Havre
W. J. Gould, Residence.....	Helena
James Deering, Residence.....	Helena
James D. McKenna, Residence.....	Helena
Mrs. W. M. Bigg, Residence.....	Helena
R. R. Purcell, Residence.....	Helena
Governor J. K. Tool, Residence.....	Helena
Dr. T. M. Hampton.....	Helena
William E. Persell, Residence.....	Helena
Montana Club Building.....	Helena
Dr. B. C. Brook, Residence.....	Helena
A. P. Curtin, Residence.....	Helena
Messena Bullard, Residence.....	Helena

H. B. Palmer, Office Building.....	Helena
Mrs. W. J. Bicket, Residence.....	Helena
W. Cadwell, Residence.....	Helena
Parochial School .....	Helena
Mrs. J. K. Scott, Residence.....	Helena
W. J. Hartwig, Residence.....	Helena
A. D. Carley, Residence.....	Helena
E. W. Fiske, Residence.....	Helena
J. W. Christie, Residence.....	Helena
Frank C. Sutphen, Residence.....	Helena
J. I. Phelps, Store.....	Helena
Sixth Avenue Building Co., Store.....	Helena
Lewis Penwell, Residence.....	Helena
J. B. Depue, Residence.....	Helena
W. C. Barden, Residence.....	Helena
Frank Hepperdiezel, Residence.....	Helena
Fergus County Poor House.....	Lewistown
Charles Lehman, Residence.....	Lewistown
J. D. Waite, Residence.....	Lewistown
Dr. F. F. Attix, Residence.....	Lewistown
Schroeder Hospital .....	Lewistown
H. P. Imislung, Store Building.....	Lewistown
Frank F. Goss, Residence.....	Lewistown
Otto Wasmandorf, Residence.....	Lewistown
MacDonald & Charters' Building.....	Lewistown
Pierre Weibaux Building .....	Miles City
Custer County High School .....	Miles City
Frank H. Woody, Residence.....	Missoula
E. B. Howell, Residence.....	Missoula
Paul Gerber, Residence.....	Missoula
Charles Johnson, Residence.....	Missoula
J. P. Reinhard, Residence.....	Missoula
Benjamin Speckbacher .....	Walkerville

#### NEBRASKA.

W. R. Ellis, Residence.....	Bloomfield
Rev. A. Biernbach, Parsonage.....	Bow Valley
A. W. Reikman, Residence.....	Chadron
A. W. Reikman, Bank Building.....	Chadron
A. D. Becker, Residence.....	Columbus
L. F. Gottschalk, Residence.....	Columbus
Franciscan Residence.....	Columbus
First National Bank.....	Crofton
St. Ann's School .....	Dixon
M. M. Bair, Residence.....	Falls City
Fred Beaulien, Residence.....	Falls City
Dr. K. M. Kreecorian, Residence.....	Farnam
C. J. Keirle, Residence.....	Florence
Rev. George J. Glauber, Residence.....	Hartington
A. K. Lammer, Hotel.....	Hartington
First National Bank .....	Hartington
St. Francis School .....	Humphrey
J. E. Hugg, Residence.....	Humphrey
School District No. 67 School Building.....	Humphrey
A. B. Detweiler, Residence.....	Millard
H. M. Itnyer, Residence, 1922 Case Street.....	Omaha
St. Mary Magdalene Church.....	Omaha
W. B. Howard, Residence.....	Omaha
W. A. Rogers, Residence.....	Omaha
M. Floersch, Residence.....	Omaha
C. J. Johnson, Residence.....	Omaha
A. Anderson, Residence.....	Omaha
G. A. Sandell, Residence.....	Omaha

A. B. Robertson, Residence.....	Scribner
German Evangelical Lutheran Seminary.....	Seward
I. W. Harris, Residence.....	Stella
St. Joseph's Home for the Aged.....	West Point
Neleigh House, J. F. Zajicek, Owner.....	West Point
Henry Ickman, Residence.....	West Point
O. F. Peters, Residence.....	Yutan

#### NEW HAMPSHIRE.

Seth R. Dole, Residence, 77 Pleasant Street....	Concord
St. Marie's School .....	Manchester
Joseph A. Boivin, Apartments.....	Manchester
J. B. Heald, Residence.....	Milford

#### NEW JERSEY.

Dr. Philip Marvel, Residence.....	Atlantic City
Dr. M. D. Youngman, Residence, Pacific Av.	Atlantic City
Dr. Frank Williams, Sanatorium.....	Belmar
Mrs. L. B. Sutton, Residence.....	Bloomfield
John Price Wetherill, Residence.....	Bridgeton
Harvey Sharpless, Residence.....	Camden
Convent of Perpetual Rosary .....	Camden
George Holl, Residence.....	Camden
George E. Taylor, Residence, 540 Cooper Street..	Camden
John N. Ake, Residence .....	Camden
George Holl, Apartments.....	Camden
Mrs. E. Turner, Residence.....	Cape May
Ellis Eldridge, Residence.....	Cape May
T. A. Sperry, Residence.....	Cranford
George W. Waite, Residence.....	Deans
W. H. Baker .....	Dover
W. H. Baker, Theatre Building.....	Dover
E. R. Perkins, Residence.....	East Orange
H. T. Crawford, Residence.....	East Orange
W. F. Dorflinger, Residence.....	Essex Fells
A. T. Cockefair, Residence.....	Glen Ridge
Robert N. Spurge, Residence.....	Glen Ridge
Baptist Church, Parsonage, Social Hall & Sunday School .....	Haddonfield
Knox Taylor, Residence.....	High Bridge
Howard White, Residence.....	High Bridge
Trinity Episcopal Church, Rectory & Parish House,	Hoboken
J. Lambert Disney, Residence.....	Jamesburg
Leo & Mary Feinen, Office & Apartment Building,	Jersey City
William Pfeifer, Residence.....	Jersey City
C. B. Morrison, Residence.....	Jersey City
F. C. Kronmeyer, Residence.....	Jersey City
Dr. T. Morgan Jones, Residence.....	Jersey City
Samuel Terrel, Store and Apartments.....	Jersey City
Valentine Werner, Residence.....	Jersey City
R. W. Scott, Residence.....	Leeds Point
W. J. Evans, Residence.....	Marlton
F. M. Groendyke, Store and Residence.....	Mendham
George Holl, Residence.....	Merchantville
William H. Page, Residence.....	Minebrook
Seth Sprague Terry, Residence.....	Montclair
R. C. Baughman, Residence.....	Newbold

Thomas L. Morton, Residence.....	Newark
August Buerman, House No. 1.....	Newark
August Buerman, House No. 2.....	Newark
George Linnett, Residence.....	Newark
Walter A. Lawson, Store and Shop.....	Newark
Joshua Brierly, Residence.....	Newark
Albert H. Peal, Residence.....	Newark
C. F. Langles, Residence.....	Newark
George Brown & Co., Office Building.....	Newark
John C. Cory, Residence.....	Newark
G. C. Brown, Residence.....	Newark
D. D. Williamson, Residence.....	New Brunswick
J. S. Van Middlesworth, Residence.....	New Brunswick
W. A. Groben, Residence.....	New Brunswick
M. Winter, Residence .....	Orange
Y. M. C. A. Building.....	Palmyra
F. Blackburn, Residence.....	Palmyra
Dr. F. M. Stagg, Residence.....	Passaic
J. A. Kunkel, Residence.....	Pennington
L. P. Blackwell, Residence.....	Pennington
J. C. Burns, Residence.....	Pennington
J. S. Burd & Co., Store.....	Pennington
Mrs. S. V. Golding, Residence.....	Pennington
Isaac S. Wheaton, Residence.....	Princeton
Prof. F. Neher, Residence.....	Princeton
Mrs. Henry C. Parrish.....	Riverton
L. P. Warner, Residence.....	Riverton
E. S. Holmes, Residence.....	Riverton
Dr. Arthur Pell, Residence.....	Summit
Col. Allen B. Wallace, Residence.....	Summit
Misses Pott, Residence .....	Summit
T. H. Rockwell, Residence.....	Summit
Henry B. Twombly, Residence.....	Summit
James C. Foley, Residence.....	Summit
Henry W. Green, Residence.....	Trenton
C. Schultz, Residence.....	Westwood
J. C. Hoyt, Residence.....	Westwood
Daniel S. Steelman, Residence.....	Woodbury
Lewis Starr, Residence.....	Woodbury

#### NEW YORK.

Charles A. Winbiel, Residence.....	Amsterdam
L. E. Wagner, Hotel.....	Binghamton
Griffin Bros., Hotel.....	Binghamton
Salvation Army Building .....	Binghamton
E. W. Conklin & Son, Building.....	Binghamton
Brentwood Health Resort .....	Brentwood, L. I.
Mrs. Lina Kruse, Residence, 165 Haywood St..	Brooklyn
Maurice Delavante, Residence.....	Brooklyn
Holy Angels Academy .....	Buffalo
Harry Gonware, Residence.....	Elmira
E. D. V. Cox, Residence .....	Flushing, L. I.
Theo. & Mabel Faulke, Residence.....	Flushing, L. I.
Mrs. Charlotte E. Webster, Residence....	Flushing, L. I.
I. W. Travis, Residence.....	Flushing, L. I.
Charles F. Bartlett Building .....	Flushing, L. I.
H. L. Crandell, Residence.....	Freeport, L. I.
V. E. Walters .....	Freeport, L. I.
George L. Norton, Residence.....	Freeport, L. I.
F. A. Dalton, Residence.....	Freeport, L. I.
Charles W. Leavitt, Residence.....	Hartsdale

J. H. Luff, Residence.....	Hudson
J. T. Harwood, Residence, Great Neck.....	Long Island
Frederick Hulse, Residence.....	Monroe
Prof. R. S. Woodworth, Residence.....	Montrose
Harold F. White, Residence.....	Mt. Kisco
William B. Gray, Residence.....	New Rochelle
B. F. Foulke, Residence.....	New Rochelle
William Bondy, Residence.....	New York
C. S. McKinney Co., Residence.....	New York
Robert I. Jenks, Residence, 54 E. 64th St. ....	New York City
Chas. Marshall, Residence, 6 E. 77th St....	New York City
W. D. Stewart, Loft Building, 21 E. 17th St.,	
	New York City
E. F. Perry, Residence.....	Nyack
A. C. Brady, Residence.....	Nyack
W. C. Stevens, Bungalow.....	Nyack
Dr. James E. Russell, Residence.....	Peekskill
P. A. Drum, Residence.....	Peekskill
Dr. E. P. Fowler, Residence.....	Pelham Manor
J. J. Bausch, Residence.....	Rochester
William Bausch, Residence.....	Rochester
Henry Bausch, Residence.....	Rochester
Julius Jackson .....	Saratoga Springs
Frank McCurtie, Double Residence.....	Schenectady
E. W. Zengraf, Residence, Stapleton.....	Staten Island
Castleton Hotel & Realty Co., Cottage No. 2,	
	St. George, Staten Island
Village of Scotia, Village Hall.....	Scotia
E. P. Gainor, Residence.....	Troy
J. DuPratt White, Residence.....	Upper Nyack

#### NORTH CAROLINA.

George S. Powell, Residence.....	Asheville
Col. Robert Bingham, Residence.....	Asheville
Dr. C. P. Ambler, Residence.....	Asheville
Dr. Karl von Ruck, Residence.....	Asheville
H. Taylor Rogers, Residence.....	Asheville
W. H. Westall, Residence.....	Asheville
F. W. Clare, Residence.....	Greenville
Southern Pines Hotel .....	Southern Pines

#### NORTH DAKOTA.

School Building .....	Harvey
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#### OHIO.

F. E. Brydle, Residence .....	Amboy
Presbyterian Church .....	Ashtabula
W. J. Pugh, Residence.....	Avondale
St. Mary's Church, Parsonage and School....	Chillicothe
Our Lady of Perpetual Help School.....	Cincinnati
Christ Church and Parish House.....	Cincinnati
Fred Pagel, 2 Buildings.....	Cincinnati
B. B. Dale, Apartment House.....	Cincinnati
Sacred Heart of Jesus Parsonage.....	Cincinnati
J. H. Brinck, Residence.....	Cincinnati
F. Pepperkorn, Residence.....	Cincinnati
Mr. Eversmann, Double Residence.....	Cincinnati
David Miller, Flat House.....	Cincinnati
T. R. Chapman, Residence.....	Cincinnati

The Deaconess Home .....	Cincinnati
Rev. A. E. Drufner, Residence.....	Cincinnati
Louis Pottschmidt, Residence.....	Cincinnati
Charles Reed, Residence .....	Cincinnati
Roland Apartments .....	Cleveland
George E. Follansbee, Residence.....	Cleveland
C. J. Deex, Residence.....	Cleveland
J. O. Snyder, Residence.....	Cleveland
Estate of C. S. Barrett, Franklin Apartments..	Cleveland
St. Patrick's Church Parsonage.....	Cumminsville
William Stroop, Residence.....	Dayton
Mrs. Cynthia Johnson, Residence.....	Dayton
Joseph Schaefer, Flat Building .....	Dayton
First English Lutheran Church .....	Dayton
Meyer & Hoebner, Store & Dwelling.....	Dayton
C. B. Wolf, Residence.....	Dayton
Holy Family Congregation School Building....	Dayton
St. Elizabeth's Hospital Barn.....	Dayton
G. A. McHenry, Residence.....	Dayton
T. E. Tucker, Residence.....	Dayton
St. Elizabeth's Hospital Building.....	Dayton
M. E. Rauh, Residence.....	Dayton
Emanuel Parish, Church & School.....	Dayton
George Grabedinkel .....	Dayton
William Lukaswitz, Residence.....	Dayton
W. W. Kirkpatrick, Residence.....	Dayton
Charles Meisner, Residence.....	Dayton
Our Lady of Victories Church.....	Delhi
St. Aloysius Church .....	Elmwood Place
Dr. Mitchell, Residence.....	Georgetown
Charles J. Herr, Residence.....	Greenville
St. Peter's R. C. Church and School.....	Hamilton
C. M. Robertson, Residence.....	Hamilton
C. F. Siegrist, Residence.....	Lakewood
Samuel May, Residence.....	Miamisburg
Colonel H. G. Catrow, Bungalow, Chicken & Power Houses .....	Miamisburg
Elks' Building .....	Middletown
John Lutkehaus, Residence.....	Mt. Healthy
Church of the Assumption School Building..	Mt. Healthy
W. E. Johnson, Jr., Residence.....	Springfield
Andrew Goodfellow, Residence.....	Springfield
Miss C. E. Crane, Apartment House.....	Springfield
D. S. Royer, Residence.....	Springfield
Dr. H. R. Conklin, Residence.....	South Charleston
La Belle Iron Works, Office.....	Steubenville
Masonic Temple .....	Troy
H. B. Hole, Residence.....	Versailles
Monroe Bank Building .....	Woodsfield
Otto Schuman, Residence .....	Youngstown

**PENNSYLVANIA.**

ts, Residence, . . . .

Dr. R. H. Meek, Residence, Ayl

Henry Palmer, Residence.....	Avondale
Mrs. Anna D. Moore, Residence.....	Avondale
J. C. Armstrong, Residence.....	Bala
Wisconsin House .....	Bala
W. F. Leedom, Residence .....	Bristol
Philip Winter, Residence.....	Bristol
W. Harry Smith, Residence .....	Bristol
Jacob Winder, Residence.....	Bristol
Dr. Joseph L. Stradling, Residence.....	Bristol
J. B. Matlack, Residence.....	Bryn Mawr
Isaac Norris, Residence .....	Bryn Mawr
J. M. Redlingshafer, Residence.....	California
Corte Velvet Mfg. Co. ....	Catasauqua
J. W. Fuller, Residence .....	Catasauqua
Catasauqua Public School .....	Catasauqua
Stanley Kosloswesky, Residence .....	Catasauqua
L. McHose, Residence .....	Catasauqua
O. F. Fatzinger, Residence .....	Catasauqua
Catasauqua National Bank .....	Catasauqua
John Smajda, Hotel .....	Catasauqua
George Davies, Residence .....	Catasauqua
Davies & Thomas Co., Office Building.....	Catasauqua
Empire Steel & Iron Co., Office Building....	Catasauqua
St. Andrew's Rectory.....	Catasauqua
Dr. T. W. Ridgway, Residence.....	Coatesville
Lukens Iron & Steel Co., Office Building.....	Coatesville
J. E. Doan, Residence .....	Coatesville
Stephenson House .....	Coatesville
Coatesville Hospital .....	Coatesville
Frederick W. Speakman, Residence.....	Coatesville
Craig Ridgway, Residence.....	Coatesville
W. C. Thompson, Store & Office Building....	Coatesville
Richard Strode, Residence .....	Coatesville
M. E. Parsonage .....	Coatesville
Mrs. S. M. Powell, Residence.....	Coatesville
Speakman Hotel .....	Coatesville
Mrs. M. W. Schrack, 2 Houses.....	Coatesville
Franklin Megargee, Residence.....	Coatesville
P. A. Johns, Residence .....	Connellsville
F. T. Evans, Store & Dwelling.....	Connellsville
D. B. Evans, Residence.....	Connellsville
St. John's Church .....	Cynwyd
Samuel Eckert, Residence.....	Devon
Devon School .....	Devon
F. L. Olds, Residence .....	Dorranceton
Lewis L. Gibney, Residence.....	Downington
H. C. Kessler, Residence .....	Doylestown
A. L. Humphrey, Residence .....	Edgewood
W. C. Mellor, Residence.....	Edgewood Park
C. C. Mellor, Residence.....	Edgewood Park
Elizabeth National Bank .....	Elizabethtown
H. H. Weaver, Residence .....	Elizabethville
Nurses' Home .....	Embreeville
George L. Bodenstein, Residence.....	Fort Washington
J. C. Culbertson, Residence.....	Fort Washington
First National Bank .....	Gettysburg
George W. Kreitler, Residence.....	Glenside
F. W. Radell, Residence .....	Glenside
Edward Feilemeyer, Residence .....	Glenside
John M. Jamison, Residence.....	Greensburg
W. A. Wilson, Residence.....	Greensburg
J. Louis Frederick, Residence.....	Greenville
Dr. Edward W. Mercer, Residence.....	Gwynedd

W. O. Weaver & Son .....	Harrisburg
S. Wirt Mosser, Residence.....	Harrisburg
A. G. Knisely, Residence .....	Harrisburg
Commercial Bank & Apartment House.....	Harrisburg
Edwin S. Herman, Residence.....	Harrisburg
W. G. Wheatland, Residence.....	Hatboro
Mrs. R. Turner, Residence.....	Hartsville
Clark Messig, Residence .....	Homestead
J. J. Rattigan, Residence .....	Homestead
J. F. Milliken, Residence.....	Homestead
J. O. Snyder, Residence.....	Homestead
B. F. Hobensack, Residence.....	Ivyland
Theo. B. Culver.....	Jenkintown
E. I. Bacon, Residence, .....	Jenkintown
U. S. Grant Kirby, Residence.....	Johnsville
John L. Baldertson, Residence .....	Kennett Square
William J. Hicks, Residence .....	Kennett Square
H. A. Mercer, Residence .....	Kennett Square
First Presbyterian Church .....	Kingston
John Pugh, Residence .....	Kingston
St. Paul's Reformed Church .....	Kutztown
Rev. W. W. Deitrick, Residence.....	Kutztown
John Z. Harner, Residence .....	Kutztown
Mr. Donmoyer, Residence .....	Kutztown
John D. Skiles, Residence.....	Lancaster
John A. Goll, Residence.....	Lancaster
T. F. Phillips, Residence .....	Langhorne
E. W. Kulp, Residence .....	Lansdale
R. S. Heckler, Residence .....	Lansdale
F. K. Chandler, Residence.....	Lansdowne
Lehigh Coal & Navigation Co., Office Building..	Lansford
C. Fred Kline, Residence.....	Lansford
H. M. M. Richards, Residence.....	Lebanon
Mission Church, St. Mark's Sunday School....	Lehighton
Henry Meyer, Residence .....	Loysville
Lehigh Coal & Navigation Building.....	Mauch Chunk
St. Mark's Parish House.....	Mauch Chunk
B. Frank Bertsch, Store & Residence.....	Mauch Chunk
Cochran Hall, Allegheny College.....	Meadville
Walter Smedley, Residence.....	Media
J. P. Cheney, Residence.....	Media
J. Vetterlein, Residence .....	Merion
J. H. Rowe, Residence.....	Millersburg
H. L. Lark, Residence.....	Millersburg
C. N. Garber, Residence.....	Mount Joy
Trinity M. E. Church.....	Mount Joy
Dr. Charles B. Smith, Residence.....	Newtown
Dr. J. C. Thomas, Residence.....	Newtown Square
H. A. Thomas, Residence .....	Norristown
Hanson P. Passmore, Residence.....	Oxford
Joseph Showalter, Residence.....	Oxford
A. P. Entrekin, Residence.....	Parkesburg
Jacob Aschenbrand, Residence.....	Parkland
George A. Eyer, Residence.....	Pen Argyl
George Pohlig, Residence, 17th & Allegheny Ave.,	Philadelphia
Gethsemane M. E. Church, Broad & Westmoreland Sts. .....	Philadelphia
L. C. Maderia, Jr., Residence, Germantown..	Philadelphia
W. B. Dick, Residence, 1526 N. 16th St.....	Philadelphia
Jno. C. F. Trachsel, Store, 230 Arch St.....	Philadelphia
Fleck Bros., Store, 44-50 N. 5th St.....	Philadelphia
Dr. Zimmerman, Residence, 1005 Lehigh Ave.	Philadelphia

Daniel Baugh, Residence, 16th & Locust Sts. Philadelphia  
Williams Sellers, Residence, 1819 Vine St....Philadelphia  
Gustav Unterkofler, Residence, 1824 S. 13th St.,  
Philadelphia  
William G. Henry, Residence, 1508 Allegheny Ave.,  
Philadelphia  
John T. Kenworthy, 5608 Ridge Ave.....Philadelphia  
Reuben Kenworthy, Roxborough.....Philadelphia  
Centenary M. E. Church, 41st & Spring Garden Sts..  
Philadelphia  
Women's Southern Hospital, 724 Spruce St..Philadelphia  
Dr. J. H. Dubb, Residence, 12th & Silver Sts. Philadelphia  
Penrose Fleisher, Residence, 1901 Spring Garden St.,  
Philadelphia  
Dr. E. F. Biscou, 33d & York Sts.....Philadelphia  
Dr. Chas. T. Adams, 57th & Girard Ave....Philadelphia  
R. T. Blackwood, Store & Residence, 15th & Thomp-  
son Sts. ....Philadelphia  
Church of the Resurrection, Broad & Tioga Sts.,  
Philadelphia  
Percy M. Chandler, Residence, 4818 Florence Ave.,  
Philadelphia  
Robert E. Fulton, Residence, 4414 Broad St..Philadelphia  
Jas. J. Gallagher, Residence, Germantown Ave. &  
Cayuga St. ....Philadelphia  
A. Vollmer, Residence, 144 W. Girard Ave..Philadelphia  
William Messmer, Residence, 707 Cayuga St. Philadelphia  
Mrs. Geo. W. Martin, Residence, Poplar St..Philadelphia  
Dr. G. Metzler, Residence, 949 Franklin St..Philadelphia  
Frank S. Whiteman, Residence, 6140 Ridge Ave.,  
Philadelphia  
Dr. Jas. F. Stone, Residence, 1806-08 Green St.,  
Philadelphia  
Philadelphia School of Design for Women, Broad &  
Master Sts. ....Philadelphia  
Fred Bauer, Residence, 3126 Richmond St..Philadelphia  
T. H. Moss, Office Building, 625-27 Walnut St.,  
Philadelphia  
Dr. Jno. B. Roberts, Residence, 313 S. 17th St.,  
Philadelphia  
Mrs. A. C. Roberts, Residence, 229 W. Walnut Lane,  
Germantown ....Philadelphia  
August Arlt, Residence, 1908 Palton St.....Philadelphia  
L. P. Pettit, Hotel, S. W. cor. 54th & Wyalusing  
Ave. ....Philadelphia  
Jos. S. Scheiter, Residence, Germantown Junction,  
Philadelphia  
John Toche, Residence .....Philadelphia  
Henry Glover, Residence, 71 & 73 W. Johnson St.,  
Germantown ....Philadelphia  
J. Henry Hentz, Residence, Germantown...Philadelphia  
David Halstead, Residence, Germantown....Philadelphia  
Parish House of St. James' Kingsessing Church, 69th  
& Woodland Ave. ....Philadelphia  
Hoyt & Sons, Store, Ridge Ave. & Francis St.,  
Philadelphia  
Victor Gillou, Office Building, 615 Walnut St.,  
Philadelphia  
Kenworthy & Bros., 109 Church St.....Philadelphia  
H. C. Roberts Electrical Supply Co., Store, 905 Arch  
St. ....Philadelphia  
J. Wilson Scott, 2014 York Street.....Philadelphia  
W. E. Adams, 2030 N. 9th St.....Philadelphia

Sylvester Martin, Logan.....	Philadelphia
Frank Hurlburt, Oak Lane .....	Philadelphia
George Roe, Residence, 6935 Paschal Ave..	Philadelphia
W. D. Squires, Residence, 630 S. 48th St...	Philadelphia
U. S. Grant Kirby, Residence, 2420 N. 2d St.,	Philadelphia
John P. Cleary, Show Room, 2625 Kensington Ave.,	Philadelphia
Wm. Ivins, Jr., Residence, 2231 Tioga St..	Philadelphia
Dr. E. A. Heller, Residence, 940 Franklin St.	Philadelphia
St. George's Rectory, 61st & Hazel Ave....	Philadelphia
Philip Spaeter, Residence, 2031 N. Broad St..	Philadelphia
Henry Glover, Residence, Germantown....	Philadelphia
Dr. J. Van Buskirk, Residence, 2130 Hancock St.,	Philadelphia
J. W. Bell, Residence, 158 W. Girard Ave.	Philadelphia
Miss M. Baird, Residence, 1506 N. 16th St...	Philadelphia
John F. Keator, Residence, Germantown.....	Philadelphia
S. E. Whitman, Residence, 1513 Girard Ave..	Philadelphia
John S. Kane, Blue Bell Hotel.....	Philadelphia
E. M. West .....	Pittsburg
J. Horace Rudy .....	Pittsburg
Dr. W. A. Stewart, Thomas Street.....	Pittsburg
McGilvary Shiras, Residence.....	Pittsburg
Henry Wilhelm, 806 N. Highland Avenue....	Pittsburg
James Elliott, Residence.....	Pittsburg
M. M. Sacks .....	Pittston
John L. Gibney .....	Pomeroy
George K. Muller, Residence.....	Radnor
H. W. Johnson, Residence.....	Reigelsville
Henry Marshall .....	Rosedale
George H. Boyd, Residence .....	Sharon
Shippensburg High School .....	Shippensburg
Lawrence Cement Company, House.....	Siegfried
J. H. Wood .....	St. Davids
Francis V. Eavenson .....	St. Davids
Lewis Neilson .....	St. Davids
Edward Laurent, Residence.....	St. Davids
H. K. Mulford, Residence.....	St. Davids
J. F. Herman.....	State College
Clark Herman, Residence.....	State College
William Custard, Residence.....	State College
M. B. Meyer, Residence.....	State College
Calvin Meyer, Residence.....	State College
John Meck, Residence.....	State College
D. F. Kapp, Residence.....	State College
Mrs. Garris, Residence .....	State College
Clavin Meyer, Residence.....	State College
Boyd Beck, Residence .....	State College
William Hoy .....	State College
D. Pierce, Residence.....	State College
B. B. Gonder.....	Strasburg
Monroe County Court House.....	Stroudsburg
Frank Michel, Residence.....	Stroudsburg
Harry Tweeter, Residence.....	Stroudsburg
Thomas Kitson, Residence.....	Stroudsburg
L. Brown, Residence.....	Stroudsburg
Freeman Arnold, Residence.....	Stroudsburg
L. Wallace, Residence.....	Stroudsburg
Mrs. Jenson, Residence.....	Stroudsburg
Mrs. Woodland, Residence.....	Stroudsburg
William Erdman, Residence.....	Stroudsburg
H. E. Sweeney, Residence.....	Stroudsburg
Howard Werkheiser, Residence.....	Stroudsburg
Stroudsburg Public School.....	Stroudsburg
Edward Arbogast, Residence.....	Stroudsburg
C. E. Detrick, Apartment House.....	Stroudsburg
S. Case, Residence.....	Stroudsburg
Mr. Kohl, Residence.....	Stroudsburg
Marsh Bros., Foundry.....	Stroudsburg
Rev. J. H. Judge, Residence.....	Sugar Notch
Howard Ireland, Residence.....	Swarthmore
Eiks' Home Building .....	Tamaqua

Fred Scheid .....	Tamaqua
E. O. Emerson, Jr., Residence.....	Titusville
Joseph M. Fox, Residence.....	Torresdale
Tower City National Bank.....	Tower City
W. J. Olewine, Hotel.....	Uniontown
Dr. J. W. Jaco, Residence.....	Uniontown
Lee B. Brownfield, Residence.....	Uniontown
Unionville High School.....	Unionville
Alfred P. Morris, Residence.....	Villa Nova
M. W. Jamieson, Residence.....	Warren
Warren Trust Co. ....	Warren
State Hospital for Insane, Steward's Home.....	Warren
Emergency Hospital .....	Warren
John Dunlap .....	Wayne
Francis A. Gugert.....	Wayne
F. H. Treat, Residence.....	Wayne
Dr. Joseph Enniss, Building.....	Waynesboro
J. R. & J. M. Wolf Building.....	Waynesboro
Waynesboro Bank & Office Building.....	Waynesboro
Charles E. Besore, Store.....	Waynesboro
A. D. Warner, Store & Flat.....	Waynesboro
Hon. Joseph Hemphill, Residence.....	West Chester
National Bank Chester County.....	West Chester
E. L. Paxson.....	West Chester
Prof. Addison Jones.....	West Chester
F. H. Seeley.....	West Chester
Mrs. Joseph Menkin.....	West Chester
A. M. Holding.....	West Chester
Howard Lumis .....	West Chester
Dr. W. T. Sharpless .....	West Chester
Dr. Charles E. Woodward.....	West Chester
Wilmer Pennypacker .....	West Chester
Mrs. George F. Worrell .....	West Chester
William Chalfant, Jr., Residence.....	West Chester
T. W. Marshall, Residence.....	West Chester
Samuel Marshall .....	West Chester
E. D. Haines .....	West Chester
W. H. Hodson .....	West Chester
T. Larry Eyre .....	West Chester
Office Building for National Bank of Chester Co.,	West Chester
Hare Building .....	West Chester
Dr. E. Patrick, Residence.....	West Chester
Hannah Darlington, Residence.....	West Chester
Miss J. B. Martin, Residence.....	West Chester
Everhart Building .....	West Chester
Mrs. E. Donnelly, Residence.....	West Chester
Farmers' National Bank.....	West Chester
Isaac Mossop, Residence.....	Wiconisco
Lawrence Myers, Estate, Store & Apartment House.	Wilkes-Barre
Irem Temple .....	Wilkes-Barre
Frank Darte, Residence.....	Wilkes-Barre
Wilson J. Smith, Residence.....	Wilkes-Barre
James M. Norris, Double Residence.....	Wilkes-Barre
Odd Fellows' Building.....	Wilkes-Barre
Marks Building .....	Wilkes-Barre
Schloss Apartment & Store.....	Wilkes-Barre
A. F. Wolf, Residence.....	Wilkes-Barre
Joseph Schuler, Residence.....	Wilkes-Barre
First National Bank .....	Wilkes-Barre
Peter Forve, Jr., Residence.....	Wilkes-Barre
Edmund G. Koch, Residence.....	Williamsport
Young Women's Christian Association.....	Wilmerding
Bethany Orphans' Home Cottage.....	Womelsdorf
Horace G. Fetterolf, .....	Wyncote
W. C. Kent, Residence, .....	Wyncote
Marriot C. Smyth, Residence.....	Wynnewood
C. T. Eastburn .....	Yardley
George H. Whitely .....	York
St. John's P. E. Church & Parish House.....	York
J. A. Dempwolf, Residence.....	York
D. F. Lafean, Residence.....	York

A. P. Broomell, Residence .....	York
Brocmell, Schmidt & Stacy Co., Offices .....	York
Mr. Lemon Love .....	York
Mr. W. S. Thompson.....	York
B. C. Wilkinson, W. York & Madison Avenue....	York
Charles C. Frick .....	York
Thomas Shipley .....	York
Royal Fire Co., No. 6.....	York
George F. Motter, 2 Residences.....	York
W. W. Birnstock.....	York
Jacob L. Sener, Residence.....	York
Senator E. K. McConkey, Bungalow.....	York
W. F. Bay Stewart, Residence.....	York
York Hospital .....	York
Captain W. H. Lanius, Residence.....	York
Harry Weist, Residence.....	York

#### RHODE ISLAND.

Holy Trinity Parish & Church.....	Central Falls
Church of Our Lady of Mercy.....	East Greenwich
St. Mary's Seminary, Bay View.....	East Providence
Archer Kent, Residence .....	Pawtucket
R. W. Kent, Residence.....	Pawtucket
Charles E. Holmes, Residence.....	Providence
St. Edward's Parish Rectory.....	Providence
Mrs. Mary L. Clear, Apartment House.....	Providence
John O'Connor, Apartment House.....	Providence
Parish of Our Lady of Lourdes.....	Providence
St. Patrick's Church .....	Providence
E. S. Crandall, Residence.....	Providence
St. Michael's Church .....	Providence
Mrs. Elizabeth O'Connor, Apartment House..	Providence
St. Peter's & St. Paul's Cathedral.....	Providence
St. Edward's School & Church.....	Providence
Wallace Pond, Residence.....	Providence

#### SOUTH CAROLINA.

Mrs. Sheffield Phelps .....	Aiken
Bank of Greenwood.....	Greenwood

#### SOUTH DAKOTA.

J. M. Costello, Store Building.....	Sioux Falls
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#### TENNESSEE.

Green County Bank.....	Greeneville
M. D. Arnold, Residence.....	Knoxville

#### TEXAS.

W. H. Fuqua, Residence.....	Amarillo
Edward Seibold, Residence.....	Fort Worth
Bewley Hotel & Store.....	Fort Worth
Dr. J. S. Turner, Sanatorium.....	Fort Worth
Guy Waggoner, Residence.....	Fort Worth
Winfield Scott, Business Building.....	Fort Worth
B. L. Anderson, Residence.....	Fort Worth
M. R. Sanguinet, Apartment House.....	Fort Worth
William Paddock, Residence.....	Fort Worth
J. H. Frost, Store & Office Building.....	San Antonio
First National Bank .....	Temple

#### UTAH.

A. W. Crompton, Residence.....	Brigham City
R. L. Fishburn, Jr., Residence.....	Brigham City
Frank Fishburn, Residence .....	Brigham City
Charles Knudson, Residence.....	Brigham City
Dr. Pfoutz, Residence.....	Salt Lake City
Mrs. S. S. Walker, Residence.....	Salt Lake City
A. Fred Wey, Residence .....	Salt Lake City
P. L. Williams, Residence.....	Salt Lake City

F. K. Woodruff, Residence.....	Salt Lake City
Karl Scheid, Residence.....	Salt Lake City
Hamilton Apartments .....	Salt Lake City
Dr. Fred Stauffer, Apartment House.....	Salt Lake City
Wellington E. Lake, Residence.....	Salt Lake City
E. L. Davis, Residence.....	Salt Lake City
B. F. Saunders, Residence.....	Salt Lake City
W. S. Henderson, Residence.....	Salt Lake City

### VIRGINIA.

Henry Clay Inn.....	Ashland
National Home of B. P. O. of Elks.....	Bedford City
F. L. Felts, Residence.....	Blair
M. J. S. Bryarly.....	Boyce
G. W. Garnett, Residence.....	Charlottesville
First National Bank.....	Christiansburg
Dr. J. L. Jarman, Residence.....	Farmville
A. St. Clair Butler.....	Forrest Hill Park
A. S. Hurt, Residence.....	Forrest Hill Park
W. H. Dovel.....	Front Royal
G. H. Bowman.....	Front Royal
E. H. Hoffman, Residence.....	Front Royal
Mrs. John S. Wright, Residence.....	Lynchburg
Hotel Warwick .....	Newport News
William H. Post .....	Newport News
William W. Chamberlaine .....	Norfolk
Judge T. L. Massie, Residence.....	Pulaski
William W. Carr, Residence.....	Radford
Mrs. E. M. Foster, Residence.....	Richmond
Protestant Episcopal Church Home.....	Richmond
H. A. Bedford .....	Richmond
W. R. Meredith .....	Richmond
T. M. Hundley.....	Richmond
H. C. Brown.....	Richmond
Mrs. Ida Lynch .....	Richmond
Colonel John S. Harwood.....	Richmond
Thomas Scott .....	Richmond
Mrs. E. A. Saundar.....	Richmond
W. P. Longworth & Co., Store, 1 N. 7th St.....	Richmond
H. H. George, Jr.....	Richmond
N. W. Bowe.....	Richmond
S. Galeski .....	Richmond
H. M. Cannon, Flat Building.....	Richmond
Thomas Adkins .....	Richmond
Mrs. Virginia Newton, Residence.....	Richmond
Colonel Alexander Cameron, Residence.....	Near Richmond
J. B. Elam, Residence.....	Richmond
J. Thompson Brown, Residence.....	Richmond
F. T. Sutton, Residence.....	Richmond
H. C. Brown, 2 Cottages.....	Richmond
Mrs. James L. Jones, Residence.....	Richmond
Imperial Tobacco Co. .....	Richmond
James Anthony, Residence .....	Richmond
Mrs. A. J. Pyle, Residence.....	Richmond
E. W. Bandy, Residence.....	Richmond
O. P. Redford, Residence, Ginter Park.....	Richmond
E. T. D. Meyers, Jr., Residence.....	Richmond
J. T. Allen, Residence.....	Richmond
Dr. Paul A. Irving, Residence.....	Richmond
C. G. Schwalm, Residence.....	Richmond
Dr. A. A. Cannady .....	Roanoke
J. B. Markley, Residence.....	Roanoke
P. H. Tucker, Residence.....	Roanoke
A. J. Kennard, Residence.....	Roanoke
J. B. Fishburn, Residence.....	Roanoke
C. M. Stoneifer, Residence.....	Roanoke
J. R. Ruffin, Residence.....	Roanoke
D. W. Flickwir, Residence.....	Roanoke
C. M. Speece, Residence.....	Roanoke
T. W. Goodwin, Residence.....	Roanoke
F. W. Clare, Residence.....	Rocky Mount
J. F. Sowers.....	Stone Bridge

R. B. L. Flemming, Residence.....	The Plains
J. Donald Richards, Residence.....	Warrenton
W. F. Jennings, Residence.....	Warrenton
Farquier National Bank.....	Warrenton

### WASHINGTON.

Lincoln County Court House.....	Davenport
J. M. Corbett .....	Spokane
Inland Empire Co., Cascade Block.....	Spokane
Frank D. Hogan, Business Building.....	Spokane
W. C. Ufford, 364 Couer d'Alene Avenue.....	Spokane
H. W. Morse, Residence.....	Spokane
Longfellow School .....	Spokane
Alfred Coolidge, Residence .....	Spokane
First M. E. Church .....	Spokane
Frank D. Hogan .....	Spokane
Mrs. Maude M. Houle, Apartment House.....	Spokane
W. L. Hutton .....	Spokane
E. F. Boyles, Granby Court Block.....	Spokane
William Brown, Residence.....	Spokane
D. B. Fotheringham, 3d Avenue & Lincoln St..	Spokane
H. L. Moody, 826 Fourth Avenue.....	Spokane
M. Isbister, Residence, 1729 Eighth Avenue.....	Spokane
F. J. Finnane.....	Spokane
Isaac Waldron, Flats .....	Spokane
Ranier-Grand Hotel .....	Spokane
J. H. Fussey, Apartment House.....	Spokane
F. Phair .....	Spokane
D. B. Fotheringham, 914 Third Avenue.....	Spokane
Home Telephone Co. .....	Spokane
W. D. Greenough, Ninth Avenue & Oak Street..	Spokane
J. B. Greenough, 1717 Eighth Avenue.....	Spokane
C. B. Dunning .....	Spokane
B. Clendenning .....	Spokane
W. E. Hall .....	Spokane
G. Luellwitz .....	Spokane
Dr. E. Richter, Store & Office Building.....	Spokane
N. E. Nuzum, Residence.....	Spokane
O. M. Lillquist .....	Spokane
Benham & Griffith .....	Spokane
Administration Building, High School.....	Spokane
F. R. Robertson, Residence, 1901 Mallon Avenue..	Spokane
B. L. Gordon & Co.....	Spokane
Lincoln Investment Co., Palace Store.....	Spokane
Spokane Realty Co. .....	Spokane
S. Galland .....	Spokane

### WEST VIRGINIA.

J. M. Trapnell, Residence.....	Charlestown
H. H. McCormick, Residence.....	Charlestown
H. C. Page, Residence.....	Charlestown
Governor's Mansion .....	Charlestown
John T. Gibson Estate, Store & Office Building,	Charlestown
John T. Gibson Estate, Restaurant & Lodge Building,	Charlestown
William Campbell, Residence.....	Charlestown
Davis High School .....	Davis
S. Walton .....	Falls Mills
Keyser Preparatory School .....	Keyser
W. E. Rumsey .....	Morgantown
F. D. & J. A. Sigafuse.....	Moundsville
J. W. Alexander .....	Moundsville
Marshall County Jail & Residence.....	Moundsville
J. M. Schaub Co. .....	Shepherdstown
H. L. Snyder .....	Shepherdstown
H. W. Potts, Residence.....	Welch
McDowell County Court House & Jail.....	Welch
McDowell County Bank.....	Welch

### WISCONSIN.

C. G. Billings, Residence.....	Menomonie
C. A. Whiting .....	Waupan
William H. Kaslein .....	Waupan

